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Sequence 2, Application US/09120927

Patent No. 626208

GENERAL INFORMATION:

APPLICANT: Kim, Jihyun Francis

APPLICANT: Reer, Stewen V.

TITLE OF INVENTION: HYPERSENSITIVE RESPONSE ELICITOR FROM TITLE OF INVENTION: BRWINIA AMYLOVORA AND ITS USE NUMBER OF SEQUENCES: 3

CORRESPONDENCE ADDRESS:

ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP STREET: Po. Box 1051, Clinton Square CITY: Rochester STREET: New York

COUNTRY: U.S.A.

ZIP: 14603

COMPUTER READABLE FORM:

MEDIUM TYPE: Ploppy disk

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

COMPUTER: Ploppy disk

COMPUTER: PLOSS/MS-DOS

COMPUTER: PLOSS/MS-
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SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/120,927
FILING DATE:
CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/055,108
FILING DATE: OG-MG-1977
ATTORNEY/AGENT INFORMATION:
NAME: Goldman, Michael L.
REPRENDICE/DOCKET NUMBER: 19603/1581
TELECOMMUNICATION INFORMATION:
TELEPHONE: (716) 263-1304
TELEPHONE: (716) 263-1304
INFORMATION FOR SEQ ID NO: 2:
SEQUIENCE CHARACTERISTICS:
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; Pred. No. 6.3e-175;
0; Mismatches 0;
                                                         US-09-268-347-47
PCT-US93-06243-2
US-08-794-795-2
US-08-794-795-2
US-09-249-200-2
US-09-328-328-4764
US-09-134-001C-3865
US-08-891-254-3
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TYPE: amino acid
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Best Local Similarity 100.0
Matches 447; Conservative
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MOLECULE TYPE: protein
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/cgm2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
/cgm2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
/cgm2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
                              GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-09-431-614-6
US-09-431-614-14
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US-09-668-10
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US-09-268-10
US-09-268-10
US-09-28-10
US-09-317-36
US-08-1030-270A-7
US-09-030-270A-7
US-09-031-254-7
US-09-031-254-7
US-09-031-254-7
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Maximum Match 100%
Listing first 45 summaries
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                                                   241 NSVAFTSAGANQTVLHDTTTVKAGQVFDGKGQTFTAGSELGDGGQSENQKPLF1LEDGAS
                                                                                                                                      301 LKNVTWGDDGADGIHLYGDAKIDNLHVTNVGEDAITVKPNSAGKKSHVEITNSSFEHASD
                                                                                                                LKNVTMGDDGADGIHLYGDAKIDNLHVTNVGEDAITVKPNSAGKKSHVEITNSSFEHASD
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APPLICANT: Charkowski, Amy
APPLICANT: Charkowski, Amy
APPLICANT: Alfano, James R
TITLE OF INVENTION: HYPERSENSITIVE RESPONSE ELLCITOR FROM
TITLE OF INVENTION: PSEUDOMONAS SYRINGAE AND ITS USE
OWR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/120,817
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP STREET: P.O. Box 1051, Clinton Square CITY: Rochester STATE: New York COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 24.2%; Score 559; DB 3; Li
Best Local Similarity 36.1%; Pred. No. 3.2e-36;
Matches 147; Conservative 54; Mismatches 132;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/055,107
FILING DATE: 06.AUG-1997
ATTORNEY AGENT INFORMATION:
NAME: Goldman, Michael L.
REGISTRATION NUMBER: 30,72
REFERENCE/DOCKET NUMBER: 19603/1741
TELECOMMUNICATION INFORMATION:
TELEPRAX: (716) 263-1304
TELEPRAX: (716) 263-1600
INFORMATION FOR SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                        421 VNTSDISLGDVENHYKVPMSANLKVAE 447
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 14603
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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Patent No. 6172184
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 424 amino acids
TYPE: amino acid
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MOLECULE TYPE: protein
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-120-817-2
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                                                                     POSGNAATGAGGNDQTTGVGNAGGLNGRKGTAGTTPQSDSQNMLSEMGNNGLDQAITPDG 120
                                                                                                                                                        QGGGQIGDNPLLKAMLKLIARMMDGQSDQFGQPGTGNNSASSGTSSSGGSPFNDLSGGKA 180
                                                                                                                                                                                              121 QGGGQIGDNPLLKAMLKLIARMMDGQSDQFGQPGTGNNSASSGTSSSGGSPFNDLSGGKA 180
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PSGNSPSGNYSPVSTFSPPSTPTSPLDFPSSPTKAAGGSTPVTDHPDPVGSAGIGAG
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Patent No. 6624139

GENERAL INFORMATION:

APPLICANT: Wei, Zhong-Min

APPLICANT: Wei, Zhong-Min

TITLE OF INVENTION: HYPERSENSITIVE RESPONSE ELICITOR-INDUCED STRESS

TITLE OF INVENTION: RESISTRANCE

FILE REFERENCE: 21829/41 (EBC-003)

CURRENT APPLICATION NUMBER: US/09/431,614

CURRENT FILING DATE: 1999-11-02

BARLIER APPLICATION NUMBER: 60/107,243

EARLIER FILING DATE: 1999-11-05

NUMBER OF SEQ ID NOS: 18

SOFTWARE PATENTIN VET: 2.0
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Pred. No. 6.3e-175;
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US-09-431-614-6
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) ORGANISM: Bacillus sp. ; OTHER INFORMATION: Strain: KSM-P15
US-09-402-668-2
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Patent No. 6172030
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Patent No. 6165769
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                 SUZUMATSU, Atsushi
KOIKE, Kenzo
                                                                                                                                                                                                           WADA, Yasunao
KASAI, Miyuki
SHIKATA, Shitsuw
                                                                                                                                                                                                                                                                                                      HATADA, Yuji
KOBAYASHI, Tohru
ITO, Susumu
                                                                                                                                                                                         GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                        213
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                306 VGEDLITVKGEGGAAVTNLNIKNSSAKGADDKVVQLNANTHLKIDNFKADDFGTWVRTNG 365
                                                          GTGNNSASSGTSSSGGSPFNDLSGGKAPSGNSPSGNYSPVSTFSPPSTPTSPLDFPS 213
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                         ---SATGGG 151
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                                                                                               GGDTPTATGGGGSGGGTPTATGGG---SGGTPTATGGGEGGVTPQ1TPQL----A
                                                                                                                                  SPTKAAGGSTPVTDHPDPVGSAGIGAGNSVAFTSAGANQTVLHDTITVKAGQVFDGKGQT
                                                                                                                                                                                                           FTAGSELGDGGQSENOKPLFILEDGASLKNVTMGDDGADGIHLYG----DAKIDNLHVTN
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APPLICANT: Wei, Zhong-Min
APPLICANT: Wei, Zhong-Min
APPLICANT: Schading, Richard L.
TITLE OF INVENTION: RESISTANCE
TITLE OF INVENTION: RESISTANCE
FILE REFERENCE: 21829/41 (BBC-003)
CURRENT APPLICATION NUMBER: US/09/431,614
CURRENT FILING DATE: 1999-11-02
EARLIER APPLICATION NUMBER: 60/107,243
EARLIER PILING DATE: 1998-11-05
NUMBER OF SEQ ID NOS: 18
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 14
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Sequence 14, Application US/09431614
Patent No. 6624139
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ORGANISM: Pseudomonas syringae
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63 DGVHCYGDCTITNVIWEDVGEDALTLK--SSGT---VNISGGAAYKAYDKVFQINAAGTI 117
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                          |:|:||:|||||:||366 GKQFDDMSIELNGIEANHGKFALVKSDSDDLKLATGNIAMTDVKHAY 412
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APPLICANT: Schulein, Martin
APPLICANT: Schulein, Martin
APPLICANT: Lange, Niels Erik K.
APPLICANT: Bjornvad, Mads E.
APPLICANT: Schnorr, Kirk
TITLE OF INVENTION: Pectin Degrading Enzymes From Bacillus
TITLE OF INVENTION: Licheniformis
FILE REFERENCE: 5377-200-US
CURRENT APPLICATION NUMBER: US/09/198,956
CURRENT FILING DATE: 1998-11-24
EARLIER APPLICATION NUMBER: 1144/97
EARLIER PILING DATE: 1997-11-24
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390 GOQ-GNWDLNLSHISAEDGKFSFVKSDSEGLNVNTSDISLGDVENHY
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15.6%; Score 359.5; DB
Best Local Similarity 46.3%; Pred. No. 7.1e-21
Matches 81; Conservative 29; Mismatches 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 9-091142 JAPAN
PRIOR FILING DATE: 1997-0-08
PRIOR FILING DATE: 1997-09-09
PRIOR FILING DATE: 1997-09-08
PRIOR PILING DATE: 1997-09-08
PRIOR FILING DATE: 1998-04-09
PRIOR FILING DATE: 1998-04-09
NUMBER OF SEQ ID NOS: 14
SEQ ID NO 2
LENGTH: 197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: TSUMADORI, Masaki
TITLE OF INVENTION: Detergent Composition
FILE REFERENCE: 2173-0116P
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Sequence 10, Application US/09402668
Patent No. 6172030
GENERAL INFORMATION:
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LENGTH: 2411
TYPE: PRT
OKGANISM: Haemophilus influenzae
US-09-268-347-36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                             SUZUMATSU, Atsushi
KOIKE, Kenzo
                                                                                                                       WADA, Yasunao
KASAI, Miyuki
SHIKATA, Shitsuw
    RESULT 8
US-09-402-668-10
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                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                         APPLICANT:
                                                                                                                       APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                       314 IHLYGDAKIDNLHVTNVGEDAITVKPNSAGKKSHVEITNSSFEHASDKILQLNADTNLSV 373
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         254 VLHDTITVKAGQVFDGKGQTFTAGSELGDGGQSENQKPLFILEDGASLKNVTMGDDGADG 313
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     314 IHLYGDAKIDNLHVTNVGEDAITVKPNSAGKKSHVEITNSSFEHASDKILQLNADTNLSV 373
                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  146 KNFTADQGGKFIRQLGGSTFKAVVNIDNCTITNMKEAIFRTDS----STSSVTM 195
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  374 DNVKAKDFGTFVRTNGGQQGNWDLNLSHISAEDGKFSFVKSDSEGLNVNTSDISL 428
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             146 KNFTADQGGKFIRQLGGSTFKAVVNIDNCTITNMKEAIFRTDS-----STSSVTM 195
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      374 DNVKAKDFGTFVRTNGGQQGNWDLNLSHISAEDGKFSFVKSDSEGLNVNTSDISL 428
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
14.8%; Score 341; DB 4; Length 221;
Best Local Similarity 41.7%; Pred. No. 2.4e-19;
Matches 73; Conservative 33; Mismatches 59; Indels 10;
                                                                                                                                                                                                                                                                                            10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Schulettin, Martin
APPLICANT: Schuletin, Martin
APPLICANT: Lange, Niels Erik K.
APPLICANT: Blornvad, Mads E.
APPLICANT: Blornvad, Mads E.
APPLICANT: Schnorir, Kirk
TITLE OF INVENTION: Pectin Degrading Enzymes From Bacillus
TITLE OF INVENTION: Licheniformis
FILE REPERENCE: 5377.200-09-26
CURRENT APPLICATION NUMBER: US/09/670,141
CURRENT FILING DATE: 1998-11-24
PRIOR APPLICATION NUMBER: 1344/97
PRIOR FILING DATE: 1999-11-24
PRIOR FILING DATE: 1997-11-24
PRIOR FILING DATE: 1997-11-202
NUMBER: OF SEQ ID NOS: 26
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 4
LENGTH: 221
                                                                                                                                                                                                                                               Length 221;
                                                                                                                                                                                                                                                                                            59; Indels
                                                                                                                                                                                                                                            ;; Score 341; DB 3;
;; Pred. No. 2.4e-19;
33; Mismatches 59
EARLIER APPLICATION NUMBER: 60/067,240
EARLIER FILING DATE: 1997-12-02
NUMBER OF SEQ ID NOS: 26
SEQ TWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 4
LENGTH: 221
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 4, Application US/09670141
Parent No. 6429000
GENERAL INFORMATION:
APPLICANT: Andersen, Lene N.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Bacillus licheniformis
                                                                                                                                                                  , ORGANISM: Bacillus licheniformis US-09-198-956-4
                                                                                                                                                                                                                                          Query Match
Best Local Similarity 41.7%;
Matches 73; Conservative 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-670-141-4
                                                                                                                                                TYPE: PRT
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1241 AEVAKODLVDLTK----PATGAAGNGADAKAPDTTAATVGDLRGLGWVLSAKKTADETOD 1296
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-268-347-36

JS Sequence 36, Application US/09268347

Sequence 36, Application US/09268347

Sequence 36, Application US/09268347

SERENTAL INFORMATION:

APPLICANT: LOOSMORE, Sheena M.

TITLE OF INVENTION: RECOMBINANT HAEMOPHILUS INFLUENZAE ADHESIN PROTEINS

FILE REFERENCE: 1038-860

CURRENT APPLICATION NUMBER: US/09/268,347

CURRENT PILLIG DATE: 199-03-16

NUMBER OF SEQ ID NOS: 54

SOUTWARE: Patentin Ver. 2.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Description of Artificial Sequence:peptide from OTHER INFORMATION: primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 2411;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 62;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 8.2%; Score 190.5; DB 3; Best Local Similarity 65.0%; Pred. No. 3.6e-08; Matches 39; Conservative 7; Mismatches 13;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 7.9%; Score 181.5; DB 3; Best Local Similarity 20.6%; Pred. No. 2.8e-05; Matches 126; Conservative 64; Mismatches 205;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4 LTLNN----NTSSSPGLFQSGGDNGLGGHN------
APPLICANT: HATADA, YUJI
APPLICANT: HATADA, YUJI
APPLICANT: KOBAYASHI, Tohru
APPLICANT: TO, Susumu
APPLICANT: TTO, Susumu
ITTLE OF INVENTION: Detergent Composition
FILE REFERENCE: 2173-01169
CURRENT APPLICATION NUMBER: US/09/402,668
CURRENT APPLICATION NUMBER: 09-091142 JAPAN
PRIOR FILING DATE: 1997-04-09
PRIOR FILING DATE: 1997-04-09
PRIOR FILING DATE: 1997-09-08
PRIOR FILING DATE: 1997-09-08
PRIOR FILING DATE: 1997-09-08
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PALENT ON NUMBER: PCT/US98/01613
PRIOR FILING DATE: 1998-04-09
NUMBER OF SEQ ID NOS: 14
SEQ ID NO 10
LENGTH: 62
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1292 DITAAD-----RSGGTSNGITYNLSLNKGTVSATEEKVVSGKTVYEAIRNAITGNIFTIG 1346
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   192 PVSTFSPPSTPTSPTS-PLDFPSSPTKAAGGSTPVTDHPDPVGSAGIGAGNSVAFTS-AG 249
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          89 KGTA-GTTPQSDSQNMLSEMGNNGLDQAITPDGQGGQQIGDNPLLKAMLKLIARMMDGQS 147
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              -GEDAITVKPNSAG--KKSHVEITNSSFEHASDKILQLNADTNLSVD 374
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          905 NASNADSARNVGGLTPQALAQLKAN-NNYLNDGAKGQDSIAFGWQAKTSGANN--GLAGK 961
                                                                                                                                                                                                                                                                                                                                                                                                                                                             29 NANSALGOOPIDROTIEQMAQLLAELLKSLLSPOSGNAATGAGGNDOTTGVGNAGGLNGR 88
                                                                                                                                                                                                                                                                                                                                                              / Match 7.5%; Score 174; DB 4; Length 2042; Local Similarity 23.2%; Pred. No. 8.7e-05; Loservative 64; Mismatches 189; Indels 124; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     250 ANQIVLHDTIT-----VKAGQ------VFDGKGQTFTAGSELGDGG-
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Patent No. 5776889

GENERAL INFORMATION:

APPLICANT: Wei, Zhong-Min

APPLICANT: Wei, Zhong-Min

APPLICANT: Wei, Zhong-Min

TITLE OF INVENTION: Induced Resistance In Plants

NUMBER OF SEQUENCES: 9

CORRESPONDENCE ADDRESS:

ADDRESSEE: Nixon, Hargrave, Devans & Doyle

STREET: Clinton Square, P.O. Box 1051

CITY: Rochester

STATE: New York

COUNTRY: U.S.A.

ZIP: 14603
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      148 DQFGQPGTGNNSASSGTSSS--GGSPFNDLSGGKAPSG-
                         TOKUNAGA=1
                                                                                                                                                                                                                                      TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 6:
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: TOI
                                             TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-628-5197
                                                                                                                                                                     LENGTH: 2042 amino acids
                                                                                            TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                         TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                           Matches 114; Conservative
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                                                                                                                                                                                                                                                :| |: : | |: DATTAQGTNANERGKVVVKGSNGATATETDKKKVATVGDVAKAINDAATFVKVENDDSAT 1445
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1615 TSVTVESKDNGKRTEVKIGAKTSVIKDHNGKLFTGKELKDANNNGVTVTETDGKDEGNGL 1674
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HAWADA, Pukusaburo
TOKIYOSHI, Sachio
TITLE OF INVENTION: NOVEL POLYPEPTIDE FROM HAEMOPHILUS
PARAGALLINARUM AND PROCESS FOR PREPARING THE SAME
                                                                                                                     143 MDGQSDQFGQPGTGNN----SASSGTSSSGGSPFNDLSGGKAPSGNSPSGNYSPVSTFSP 198
                                                                                                                                                                                                                  199 PSTPTSPLDFPSSPTKAAGGSTPV-TDHPD--PVGSAGIGAGNSVAF----- 245
                                                                                                                                                                                                                                                                                                                                                                                                             GGQSENQKPLFILEDGASL----KNVTMGDDGADGIHLYG-----DAKIDNLHVTNVGED 333
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ---VKPNSAGKKSHVEITNSSFEHASDKILQLNADTNL 371
                         -- GGQIGDNPLLKAMLKLIARM 142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ----- 394
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        -----DSEGLNVNTSDISLGDVEN 433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                 ----TSAGANQTV-LHDTITVKAGQVP----DGKGQTFTAGSE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ., Suite 300
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FILING DATE: 12-SEP-1997
APPLICATION NUMBER: JP 27,148/1996
FILING DATE: 19-SEP-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/077,098A
FILING DATE: 19-May-1998
PRIOR APPLICATION DATA:
                         SD-----SQNMLSEMGNNGLDQAITPDGQG-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK
STREET: 624 Ninth Street, N.W.
CITY: Washington
                                                                                                                                                                1348 TDGKIKLKVDNTDGNNLLTVDATKGASVA-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 6, Application US/09077098A Patent No. 6544519 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: TOKUNAGA, Eiji
SAKAGUCHI, Masashi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: KORNBAU, Anne M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1735 KYNVKVADGĽKL 1746
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COUNTRY: USA
ZIP: 20001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       372 SVDNVKAKDFG-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AIT----
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US-09-077-098A-6
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Sequence 7, Application US/09030270A Patent No. 5977060
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REGISTRATION NUMBER: 30,727
REFERENCE/DOCKET NUMBER: 19
TELECOMMUNICATION: INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: (716) 263-1304
TELEPAX: (716) 263-1600
INFORMATION FOR SEO ID NO: 7:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                        344 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 344 amino acids
                                                                                                                                                                                                                                                                                                                               ; MOLECULE TYPE: protein US-08-819-539-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 14603
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                           TYPE: amino acid STRANDEDNESS:
                                                                                                                                                                                                                                                                                                           linear
                                                                                                                                                                                                                                                                                                           TOPOLOGY:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: 1BM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION DATA:
FILING DATE: 17-MAR-1997
CLASSIFICATION BATA:
APPLICATION NUMBER: 08/475,775
            MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPAtible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA: US/08/891,254
FILING DATE: 10-JUL-1997
CLASSIFICATION: 514
PRIOR APPLICATION NUMBER: 08/475,775
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 7, Application US/08819539
; Sequence 7, Application US/08819539
; Patent No. 5859324
; GENERAL INFORMATION:
APPLICANT: Wel, Zhong-Min
APPLICANT: Beer, Steven V.
TITLE OF INVENTION: Hypersensitive Response
TITLE OF INVENTION: Induced Resistance In Plants
NUMBER OF SEQUENCES:
ADDRESSEE: Nixon, Hargrave, Devans & Doyle
STRET: Clinton Square, P.O. Box 1051
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query.Match 7.2%; Score 165.5; DB 1
Best Local Similarity 32.0%; Pred. No. 3.6e-05;
Matches 57; Conservative 20; Mismatches 80
                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: Goldman, Michael L.
REGISTRATION NUMBER: 30,727
REFERENCE/DOCKET NUMBER: 14603/10050
TELECOMMUNICATION INFORMATION:
TELEPHONE: (716) 263-1304
TELEPEX: (716) 263-1600
INFORMATION FOR SEQ ID NO: 7:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 344 amino acids
TYPE: amino acid
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ) TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-891-254-7
COMPUTER READABLE FORM:
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US-08-819-539-7
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74 DOTTGVGNAGGLNGRKGTAGT -- TPQSDSQNMLSEMGNNGLDQAITPDG--QGGGQIGDN 129
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              130 PLLKAMLKLIARMMD-----GQSDQFGQPGTGNNSASSGTSSSGGSP--FNDLSGGK 179
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       21; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 344;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Zitter, Thomas A.
APPLICANT: Wei, Zhong-Min
APPLICANT: Wei, Zhong-Min
ATTLE OF INVENTION: HYPERSENSITIVE RESPONSE ELICITOR
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
STREET: P.O. Box 1051, Clinton Square
CITY: Rochester
STATE: New York
COUNTRY: U.S.A.
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/030,270A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 7.2%; Score 165.5; DB 2; Best Local Similarity 32.0%; Pred. No. 3.6e-05; Matches 57; Conservative 20; Mismatches 80;
ATTORNEY/AGENT INFORMATION:
NAME: Goldman, Michael L.
REGISTRATION NUMBER: 30,727
REFERENCE/DOCKET NUMBER: 14603/10050
TELECOMMUNICATION INFORMATION:
TELEPHONE: (716) 263-1304
TELEFAX: (716) 263-1304
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
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CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/039,226
FILING DATE: 28-FEB-1997
ATTORNEY/AGENT INFORMATION:
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18 QSGGD----NGLGGHNANSALGQQPIDRQTIEQMAQLLAEL-LKSLLSPQSGNAATGAGGN 73
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FELECOMMUNICATION INFORMATION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (716) 263-1600 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 344 amino acids
TYPE: amino acid
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: U.S.A.
ZIP: 14603
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STATE: New York
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                             JS-09-013-587-7
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                                                                                                                                                                                                                                               134 ÓPGGNDKGNGVGGANGAKGAGGQGGLAEALQEIEQILAQLGGGGAGAGGAGGGVGGAGGA 193
                                                                                                                                                                                                                                                                                                                                    194 DGGSGAGGAGGANGADGGNGVNGNQANGPQNAGDVNGANGAD----DGSEDQGGLTGVL 248
                                                                                                                                                                                                          18 QSGGD---NGLGGHNANSALGQQPIDRQTIEQMAQLLAEL-LKSLLSPQSGNAATGAGGN 73
                                                                                                                                                                                                                                                                                                                                                                                                     249 QKLMKILNALVQMMQQGGLGGGNQAQGSKGAGNASPASGANPGANQPGSADDQSSGQ 306
                                                                                                                                                                                                                                                                                                                                                                           130 PLLKAMLKLIARMMD-----GQSDQFGQPGTGNNSASSGTSSSGGSP--FNDLSGGK 179
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                                                                                                                          DB 2; Length 344;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 7, Application US/08984207

Ratent No. 6235974

GENERAL INFORMATION:

APPLICANT: Wei, Zhong-Min

APPLICANT: Wei, Zhong-Min

APPLICANT: Beer, Steven V.

TITLE OF INVENTION: PERERENSITIVE RESPONSE INDUCED

TITLE OF INVENTION: RESISTANCE IN PLANTS BY SEED TREATMENT

NUMBER OF SEQUENCES:

ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/984,207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        E: Nixon, Hargrave, Devans & Doyle LLP
P.O. Box 1051, Clinton Square
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 7.2%; Score 165.5; DB 3; Best Local Similarity 32.0%; Pred. No. 3.6e-05; Matches 57; Conservative 20; Mismatches 80;
                                                                                                                     7.2%; Score 165.5; DB 2
32.0%; Pred. No. 3.6e-05;
tive 20; Mismatches 80
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PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
PAPLICATION NUMBER: US 60/033,230
FILING DATE: 05-DEC-1996
ATTORNEY/AGENT INFORMATION:
NAME: Goldman, Michael L.
REGISTRATION NUMBER: 30,727
REFERENCE/DOCKET NUMBER: 19603/1201
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFAX: (716) 263-1304
TELEFAX: (716) 263-1304
TELEFAX: (716) 263-1606
INFORMATION FOR SEQ ID NO: 7:
SUDDENCE CHARACTERISTICS:
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                                                                                                                                         Best Local Similarity 32.0
Matches 57; Conservative
                                       TOPOLOGY: linear
MOLECULE TYPE: protein
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amino acid
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STATE: New York
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                 STRANDEDNESS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 14603
                                                                                US-09-030-270A-7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH:
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74 DQTTGVGNAGGLNGRKGTAGT--TPQSDSQNMLSEMGNNGLDQAITPDG--QGGGQIGDN 129
                                                                                                                               194 DGGSGAĞGAĞGANGADĞGNĞVNGNQANGPQNAGDVNGANGAD-----DĞSEDQĞĞLTĞVL 248
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134 ÓPGGNDKGNGVGGANGAKGAGGÓGGLAEALQEIEÓILÁQLGGGGAGAGGAGGGVGGAGA 193
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                                                                                                                                                                                                                                       249 QKLMKIINALVQMMQQGGLGGGNQAQGGSKGAGNASPASGANPGANQPGSADDQSSGQ 306
                                                                                                                                                                                                 130 PLLKAMLKLIARMMD-----GQSDQFGQPGTGNNSASSGTSSSGGSP--FNDLSGGK 179
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gapa
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                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 7, Application US/09013587

Patent No. 6277814

GENERAL INFORMATION:
APPLICANT: Qiu, Dewen
APPLICANT: Wei, Zhong-Min
APPLICANT: Wei, Zhong-Min
APPLICANT: Beer, Steven V.
ITILE OF INVENTION:
ITILE OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 7.2%; Score 165.5; DB 3; Best Local Similarity 32.0%; Pred. No. 3.6e-05; Matches 57; Conservative 20; Mismatches 80;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
STREET: Clinton Square, P.O. Box 1051
CITY: Rochester
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn Release #1.0, Version #1.30
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/036,048
APPLING DATE: 27-2NN-1997
ATTORNEY/AGENT INFORMATION:
NAME: GOLdman, Michael L.
REGISTRATION NUMBER: 30,727
REFERENCE/DOCKET NUMBER: 19603/1501
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/013,587
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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Search completed: July 27, 2005, 14:41:28 Job time: 35 secs

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1 14:24:07 2005
Mon Aug
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Sequence 5, Appli
Sequence 9, Appli
Sequence 14, Appli
Sequence 14, Appli
Sequence 9, Appli
Sequence 14, Appli
                                       July 27, 2005, 14:40:08; Search time 160 Seconds (without alignments) 1086.747 Million cell updates/sec
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Sequence 6, 1
Sequence 5, Sequence 6,
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2: \cgn2_6/ptodata/1/pubpaa/PCT NEW PUB.pep:*
4: \cgn2_6/ptodata/1/pubpaa/USO6_NEW PUB.pep:*
5: \cgn2_6/ptodata/1/pubpaa/USO6_NEW PUB.pep:*
5: \cgn2_6/ptodata/1/pubpaa/USO6_NEW PUB.pep:*
6: \cgn2_6/ptodata/1/pubpaa/USO8_NEW PUB.pep:*
7: \cgn2_6/ptodata/1/pubpaa/USO8_NEW PUB.pep:*
8: \cgn2_6/ptodata/1/pubpaa/USO8_NEW PUB.pep:*
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US-10-441-736-6
US-10-847-142-5
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US-10-441-736-14
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US-09-880-371-5
US-09-879-248-6
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Maximum Match 100%
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-10-847-142-9 -10-156-761-13 -10-282-122A-6 -10-282-122A-6 -10-282-122A-6	-10-282-122A-6 10-282-122A-6 10-282-122A-6 10-282-122A-6 10-282-122A-6 10-282-122A-6 10-282-122A-6	10 - 28 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	10-28 10-28 10-28 10-28 10-28 09-835
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ALIGNMENTS

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                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Erwinia amylovora
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Sequence 5, Application US/10010390;
Publication NO. US2003010497941
GENERAL INFORMATION:
APPLICANT: Wel, Zhong-Min
APPLICANT: Leon, Ernestco
TITLE OF INVENTION: METHODS OF INHIBITING DESICCATION OF CUTTINGS REMOVED:
TITLE OF INVENTION: PROM ORNAMENTAL PLANTS
FILE REFERENCE: 2182/111
CURRENT APPLICATION NUMBER: US/10/010,390
CURRENT APPLICATION NUMBER: 001-11-05
PRIOR FILING DATE: 2001-11-13
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PATENTIN VEV. 2.1
SEQ ID NO S.
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Sequence 6, Application US/2004001602941
GENERAL INFORMATION:
APPLICANT: Wei, Zhong-Min
APPLICANT: Schading, Richard L.
TITLE OF INVENTION: HYPERSENSITIVE RESPONSE ELICITOR-INDUCED STRESS
TITLE OF INVENTION: RESISTANCE
FILE REPERENCE: 21829/203 (EBC-003)
CURRENT PILITION NUMBER: US/10/441,736
CURRENT PILITION NUMBER: 60/107,243
PRIOR PILING DATE: 1998-11-05
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Pred. No. 1.3e-151;
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100.0%;
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; ORGANISM: Erwinia amylovora
US-10-010-390-5
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Best Local Similarity 100.
Matches 447; Conservative
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US-10-441-736-6
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APPLICANT: Wei, Zhong-Min
APPLICANT: Wei, Zhong-Min
APPLICANT: Wei, Zhong-Min
APPLICANT: Qiu, Dewen
TITLE OF INVENTION: TREATMENT OF FRUITS OR VEGETABLES WITH HYPERSENSITIVE
TITLE OF INVENTION: RESPONSE ELICITOR TO CONTROL POSTHARVEST DISEASE OR
TITLE OF INVENTION: DESICCATION
TITLE OF INVENTION: DESICCATION
FILE REFERENCE: 21829/197
CURRENT APPLICATION NUMBER: US/10/847,142
CURRENT FILING DATE: 2000-04-19
PRIOR PRILING DATE: 2001-04-16
PRIOR PILING DATE: 2001-04-16
PRIOR PILING DATE: 2001-04-16
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PATENTIN VOS: 12
SEQ ID NO 5
LENGTH: 447
TYPE: PRT
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PRIOR APPLICATION NUMBER: 09/431,614
PRIOR FILING DATE: 1999-11-02
NUMBER OF SEQ ID NOS: 18
SEQ ID NO 6
LENGTH: 447
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Publication No. US20040265442A1
GENERAL INFORMATION:
                                                                                                                                                                              ; TYPE: PRT
; ORGANISM: Erwinia amylovora
US-10-441-736-6
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US-10-847-142-5
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                           GTGNNSASSGTSSSGGSPFNDLSGGKAPSGNSPSGNYSPVSTFSPPSTPTSPLDFPS
                                                                                                FTAGSELGDGGQSENQKPLFILEDGASLKNVTMGDDGADGIHLYG----DAKIDNLHVTN
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                                                                             214 SPTKAAGGSTPVTDHPDPVGSAGIGAGNSVAFTSAGANQTVLHDTITVKAGQVFDGKGQT
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Best Local Similarity 36.1%; Pred. No. 2e-30;
Matches 147; Conservative 54; Mismatches 132; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 9, Application US/09880371
Patent No. US20020059658A1
GENERAL INFORMATION:
APPLICANT: Wei, Zhong-Min
APPLICANT: DeRocher, Jay
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ORGANISM: Pseudomonas syringae
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US-09-880-371-9
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Sequence 90, Application US/09835684

Facent No. US20020019337A1

GENERAL INFORMATION:

APPLICANT: Wel, Zhong-Min

APPLICANT: Qiu, Dewen

TITLE OF INVENTION: TREATMENT OF FRUITS OR VEGETABLES WITH HYPERSENSITIVE

TITLE OF INVENTION: DESICCATION

FILE OF INVENTION: DESICCATION

FILE REFERENCE: 21829/71

CURRENT APPLICATION NUMBER: US/09/835,684

CURRENT FILING DATE: 2001-04-16

FRIOR FILING DATE: 2000-04-19

FRIOR FILING DATE: 2000-04-19

NUMBER OF SEQ ID NOS: 12

SEQ ID NO 9

SEQ ID NO 9
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                                                                                              1 MSILTLNNNTSSSPGLFQSGGDNGLGGHNANSALGQQPIDRQTIEQMAQLLAELLKSLLS
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     Length 447;
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100.0%; Score 2310; DB 16;
100.0%; Pred. No. 1.3e-151;
ive 0; Mismatches 0;
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ORGANISM: Pseudomonas syringae
                   Best Local Similarity 100.
Matches 447; Conservative
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US-09-835-684-9
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   Query Match
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NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin Ver. 2
SEQ ID NO 9
LENGTH: 424
TYPE: PRT
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APPLICANT: Wei, Zhong-Min
APPLICANT: Leon, Ernesto
APPLICANT: Leon, Ernesto
APPLICANT: Oriodo, Agustin
TITLE OF INVENTION: MFTHODS OF INHIBITING DESICCATION OF CUTTINGS REMOVED
TITLE OF INVENTION: FROM ORNAMENTAL PLANTS
FILE REFERENCE: 21829/111
FUNERIT APPLICATION NUMBER: US/10/010,390
CURRENT APPLICATION NUMBER: 60/248,169
PRIOR APPLICATION NUMBER: 60/248,169
PRIOR FILING DATE: 2000-11-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    37 QPIDRQTIEQMAQLLAELLKSL---LSPQSGNAATGAGGNDQTTGVGNAGGLNGRKGTAG
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                                                                                                                                                               APPLICANT: Wei, Zhong-Min
TITLE OF INVENTION: HYPERSENSITIVE RESPONSE ELICITING DOMAINS AND USE
TITLE OF INVENTION: THEREOF
FILE REFERENCE: 21829/899,248
CURRENT APPLICATION NUMBER: US/09/879,248
PRIOR APPLICATION NUMBER: 60/212,211
PRIOR PILING DATE: 2000-06-16
NUMBER OF SEQ ID NOS: 18
SOFTWARE: Patentin Ver. 2.1
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 GKQFDDMSIBLNGIEANHGKFALVKSDSDDLKLATGNIAMTDVKHAY
                                                                                         Sequence 14, Application US/09879248
Patent No. US20020062500A1
GENERAL INFORMATION:
APPLICANT: Fan, Hao
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Publication No. US20030104979A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Pseudomonas syringae
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Best Local Similarity 36.1%
Matches 147; Conservative
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LENGTH: 424
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                                                                                                                                                                                                                                                                                          72 KPNDSÓS--NIÁKLISALIMSLLOMLTNSNKKKODTNOEOPDSOAPFONNGGLG-----
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APPLICANT: Schading, Richard L.

APPLICANT: Schading, Richard L.

TITLE OF INVENTION: HYPERSENSTIVE RESPONSE ELICITOR-INDUCED STRESS

TITLE OF INVENTION: HYPERSENSTIVE RESPONSE ELICITOR-INDUCED STRESS

TITLE OF INVENTION: HYPERSENSTIVE

FILE REFERENCE: 21829/203 (BEC-003)

CURRENT APPLICATION NUMBER: US/10/441,736

CURRENT FILING DATE: 1998-11-05

PRIOR APPLICATION NUMBER: 09/431,614

PRIOR FILING DATE: 1999-11-02

NUMBER OF SEQ ID NOS: 18

SOFTWARE: PATENTIN Ver. 2.1

SEQ ID NO 14
                                                                                                                                                              74; Gaps
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24.2%; Score 559; DB 15; Length 4
Best Local Similarity 36.1%; Pred. No. 2e-30;
Matches 147; Conservative 54; Mismatches 132; Indels
                                                                                                                                                                 Indels
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                                                                                              Query Match 24.2%; Score 559; DB 14; 1
Best Local Similarity 36.1%; Pred. No. 2e-30;
Matches 147; Conservative 54; Mismatches 132;
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Publication No. US20040016029A1
; ORGANISM: Pseudomonas syringae
US-10-010-390-9
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ORGANISM: Pseudomonas syringae
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DAITVKPNSAGKKSHVEITNSSFEHASDKILQLNADTNLSVDNVKAKDFGTFVRTNGGQQ 392
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246 FTADKSMGNGDQGENQKPMFELAEGATLKNVNLGENEVDGIHVKAKNAQEVTIDNVHAQN 305
                                                   330 VGEDAITVKPNSAGKKSHVEITNSSFEHASDKILQLNADTNLSVDNVKAKDFGTFVRTNG 389
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           273 TFTAGSELGDGGQSENQKPLFILEDGASLKNVTMGDDGADGIHLYGDAKIDNLHVTNVGE 332
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       15 VTKRRAVIGSAAALGLTAGALVTTSLLSSAGAATSWPEATGSKAVSSTIEVSGTYDGKLK 74
                                                                               225 VTDHPDPVGSA---GIGAGNSVA---FTSAGANQTVLHDT-----ITVKAGQVFDGKGQ
                                                                                                                                                    390 GQQ-GNWDLNLSHISAEDGKFSFVKSDSEGLNVNTSDISLGDVENHY 435
                                                                                                                                                                              Length
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                11.1%; Score 256; DB 14; 31.7%; Pred. No. 1.1e-09;
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                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: IKEDD, HARUO
APPLICANT: ISHIKAWA, JUN
APPLICANT: HORIKAWA, HINGSHI
APPLICANT: SHIBA, TADAYOSHI
APPLICANT: SHIBA, TADAYOSHI
APPLICANT: SAKAKI, YOSHIVUKI
APPLICANT: SAKAKI, YOSHIVUKI
APPLICANT: BATTORI, MASAHIRA
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
FILE REFERENCE: 249-262
CURRENT APPLICATION NUMBER: US/10/156,761
CURRENT FILING DATE: 2001-05-29
PRIOR APPLICATION NUMBER: UP 2001-204089
PRIOR APPLICATION NUMBER: UP 2001-272697
PRIOR PILING DATE: 2001-06-02
NUMBER OF SEQ ID NOS: 15109
SEQ ID NO 13910
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 64405, Application US/10282122A Publication No. US20040029129A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                           ; Sequence 13910, Application US/10156761; Publication No. US20030119018A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Streptomyces avermitilis US-10-156-761-13910
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APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Zyskind, Judith
APPLICANT: Wall, Daniel
APPLICANT: Trawick, John
APPLICANT: Carr, Grant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
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nes 76; Conserv
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US-10-282-122A-64405
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US-10-156-761-13910
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Best Local S
Matches 76
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Sequence 9, Application US/10847142

Publication No. US20040265442A1

GENERAL INFORMATION:

APPLICANT: Wei, Zhong-Min

APPLICANT: Wei, Zhong-Min

APPLICANT: Remick, Dean

TITLE OF INVENTION: TREATMENT OF FRUITS OR VEGETABLES WITH HYPERSENSITIVE

TITLE OF INVENTION: DESICCATION

FILE REPERENCE: 2004-05-17

CURRENT APPLICATION NUMBER: US/10/847,142

CURRENT FILING DATE: 2000-04-19

PRIOR FILING DATE: 2001-04-16

NUMBER OF SEQ ID NOS: 12

SOFTWARE: Patentin Ver: 2.1

SEQ ID NO 9
                                                                                                      213
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                                                                                                                                                                                                                                                                                                                                   306 VGEDLITVKGEGGAAVTNLNIKNSSAKGADDKVVQLNANTHLKIDNFKADDFGTWVRTNG 365
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     154 GTGNNSASSGTSSSGGSPFNDLSGGKAPSGNSPSGNYSPVSTFSPPSTPTSPTSPLDFPS 213
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       TTPQSDSQNMLSEMGNNGLDQAITPDGQGGGQIGDNPLLKAMLKLIARMMDGQSDQFGQP 153
                                                        -SATGGG 151
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                                                                                                      GTGNNSASSGTSSSGGSPFNDLSGGKAPSGNSPSGNYSPVSTFSPPSTFTSPTSPLDFPS
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                                                     -TPSADS-----GGGG----TPDATGGGG-GDTP
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US-10-847-142-9
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Haselbeck, Robert
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Matches 86; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  187 SGNYSPVSTFSPPSTPTSPTSPL-----G 221
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STPVTDHPDPVGSAGIGAGNSVAFTSAGANQTVLHDTITVKAGQVFDGKGQTFTAGSELG 281
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SGGAGGHGGNGGNASRGMGGDGGTGGAGGN-----AGQIGNG-----GAGGNGG 973
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                                                    APPLICANT: Xu, H. TILLE OF INVENTION: Identification of Essential Genes in Microorganisms
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           - See File Wrapper or PALM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Score 199.5; DB 15; Length 1306;
; Pred. No. 6.2e-05;
16; Mismatches 122; Indels 113;
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                                                                                          TITLE OF INVENTION: AGENTIAL CALLUL OF EDECIMENT PILITE REFERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
PRIOR PILING DATE: 2000-03-21
PRIOR FILING DATE: 2000-05-23
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-60
PRIOR FILING DATE: 2000-05-60
PRIOR FILING DATE: 2000-05-60
PRIOR FILING DATE: 2000-10-23
PRIOR FILING DATE: 2000-10-23
PRIOR FILING DATE: 2000-10-23
PRIOR FILING DATE: 2000-11-27
PRIOR FILING DATE: 2000-11-27
PRIOR FILING DATE: 2000-12-27
PRIOR FILING DATE: 2000-12-27
PRIOR FILING DATE: 2000-12-27
PRIOR FILING DATE: 2000-12-27
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-09
PRIOR FILING DATE: 2001-02-16
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Publication No. US20040029129A1
GENERAL INFORMATION:
APPLICANT: Wang, Liangsu
APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Mycobacterium tuberculosis
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Robert
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Best Local Similarity 26.0°
Matches 88; Conservative
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US-10-282-122A-64726
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                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Identification of Essential Genes in Microorganisms File REPERENCE: ELITRA.034A
FURBENT APPLICATION NUMBER: US/10/282,122A
CURRENT FILING DATE: 2003-02-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      18 QSGGDNGLGGH-NANSALGQQPIDRQTIEQMAQLLAELLKSLLSPQSGNAATGAGGNDQT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR FILING DATE: 2001-02-16
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 78614
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       8.4%; Score 193; DB 15; Length 694;
llarity 25.4%; Pred. No. 7.9e-05;
Conservative 28; Mismatches 140; Indels 84
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PRIOR FILING DATE: 2000-03-21
PRIOR PELING DATE: 2000-03-21
PRIOR PEPLICATION INUMBER: 60/206,848
PRIOR PELING DATE: 2000-05-23
PRIOR PAPLICATION INUMBER: 60/207,727
PRIOR PELING DATE: 2000-05-26
PRIOR FILING DATE: 2000-09-06
PRIOR PELING DATE: 2000-09-09
PRIOR PELING DATE: 2000-09-09
PRIOR PELING DATE: 2000-10-23
PRIOR PELING DATE: 2000-11-27
PRIOR PELING DATE: 2000-12-26
PRIOR PELING DATE: 2000-12-26
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SEQ ID NO 64726
LENGTH: 694
                                                                                                     Trawick, John
Carr, Grant
Yamamoto, Robert
Forsyth, R.
Ohlsen, Kari
Zyskind, Judith
Wall, Daniel
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Search completed: July 27, 2005, 14:53:27 Job time : 166 secs

Sequence 2748, Ap Sequence 1130, Ap Sequence 16723, A Sequence 17032, A Sequence 2559, Ap Sequence 2559, Ap Sequence 187, App Sequence 187, App Sequence 555, Ap Sequence 6511, App Sequence 672, App Sequence 51, Appl Sequence 17, Appl

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US-09-902-540-2748
US-09-902-540-1130
US-09-949-016-16723
US-09-949-016-17033
US-09-949-016-17033
US-09-549-110-2559
US-09-536-784-187
US-09-107-433-1648
US-09-107-433-1648
US-09-902-540-6511
US-09-902-540-472
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US-09-007-005-17
US-09-244-796-17
US-09-252-991A-9406
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Patent No. 6262018
GENERAL INFORMATION:
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TYPE: nucleic acid
STRANDEDNESS: single
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Best Local Similarity 100.0
Matches 1344; Conservative
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2.7 17862
2.7 154837
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16785, A
16786, A
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1, Appli
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9, Appli
14, Appl
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3, Appli
                                                                       July 29, 2005, 13:10:34; Search time 225 Seconds (without alignments) 9774.026 Million cell updates/sec
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Sequence 1, A
Sequence 3, A
Sequence 3, A
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/cgn2_6/ptodata/1/ina/5B_COMB.seq:*
/cgn2_6/ptodata/1/ina/6A_COMB.seq:*
/cgn2_6/ptodata/1/ina/6B_COMB.seq:*
/cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
/cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
          GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-09-902-540-1250
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Maximum Match 100%
Listing first 45 summaries
                                                    - nucleic search, using sw model
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Gapop 10.0 , Gapext 1.0
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Maximum DB seg_length: 200000000
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APPLICANT: Kim, Jihyun Francis
APPLICANT: Kim, Jihyun Francis
APPLICANT: Beer, Steven V.
TITLE OF INVENTION: HYPERSENSITIVE RESPONSE ELICITOR FROM
TITLE OF INVENTION: BRWINIA AMYLOVORA AND ITS USE
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: N.con, Hargrave, Devans & Doyle LLP
STREET: P.O. Box 1051, Clinton Square
CITY: Rochester
STATE: New York
COUNTRY: U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       100.0%; Score 1344;
100.0%; Pred. No. 0;
ive 0; Mismatches
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PRIOR APPLICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/055,108
FILING DATE: 06-AUG-1977
ATTORNEY/AGENT INFORMATION:
NAME: GOldman, Michael L.
REGISTRATION NUMBER: 30,727
REFERENCE/DOCKET NUMBER: 19603/1581
TELECOMMUNICATION INFORMATION:
TELEPHONE: (716) 263-1304
TELEFAX: (716) 263-1600
INFORMATION FOR SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                             CATATCAGCGCAGAAGACGGTAAGTTCTCGTTCGTTAAAAGCGATAGCGAGGGGCTAAAC 1260
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US-09-431-614-5
Sequence 5, Application US/09431614
Sequence 5, Application US/09431614
Sequence 6, Application US/09431614
Setent No. 6624139
GENERAL INFORMATION:
APPLICANT: Scheding, Richard L.
TITLE OF INVENTION: HYPERSENSITIVE RESPONSE ELICITOR-INDUCED STRESS
TITLE OF INVENTION: RESISTANCE
TITLE OF INVENTION: RESISTANCE
TITLE OF INVENTION: RESISTANCE
CURRENT FILING DATE: 1999-11-02
SEALIER APPLICATION NUMBER: 60/107,243
CURRENT FILING DATE: 1999-11-05
NUMBER OF SEQ ID NOS: 18
SOFTWARE: Patentin Ver. 2.0
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100.0%; Score 1344;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1344; Conservative 0; Mismatches
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                                                                                                                                                                        COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: Ploppy disk
COMPUTER: Ploppy disk
COMPUTER: Plan PC compatible
COMPUTER: Plan PC compatible
COMPUTER: Plan PC compatible
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/120,817
FILING DATE:
CLASSIFICATION:
PRICH APPLICATION DATA:
APPLICATION NUMBER: US 60/055,107
FILING DATE: 06-AGG-1997
ATTORNEY/AGENT INFORMATION:
NAME: Goldman, Michael L.
REGISTRATION NUMBER: 19603/1741
TELECOMMUNICATION INFORMATION:
TELEPHONE: (716) 263-1304
TELEPHONE: (716) 263-1160;
INFORMATION FOR SEQ ID NO: 1:
SEQUINCE CHARACTERISTICS:
TITLE OF INVENTION: HYPERSENSITIVE RESPONSE ELICI:
TITLE OF INVENTION: PSEUDOMONAS SYRINGAE AND ITS INVENER OF SEQUENCES:
ROPRESCONDENCE ADDRESS:
ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP STRET: P.O. Box 1051, Clinton Square STRET: Rochester STATE: New York
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 11.5%; Score 155.2; DB 3; Best Local Similarity 57.1%; Pred. No. 3.2e-39; Matches 330; Conservative 0; Mismatches 233;
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STRANDEDNESS: single
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Patent No. 6172184
GENERAL INFORMATION:
APPLICANT: Collmer, Alan
APPLICANT: Charkowski, Amy
APPLICANT: Alfano, James R.
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52.8%; Pred. No. 5.8e-20;
Live 0; Mismatches 217; Indels
FILE REFERENCE: 2173-0116P
CURRENT APPLICATION NUMBER: US/09/402,668
CURRENT FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 9-091142 JAPAN
PRIOR FILING DATE: 1997-04-09
PRIOR FILING DATE: 1997-0-09
PRIOR FILING DATE: 1997-09-08
PRIOR APPLICATION NUMBER: PC1/US98/01613
PRIOR FILING DATE: 1998-04-09
NUMBER: PC FILING DATE: 1998-04-09
NUMBER: PC FILING DATE: 1998-04-09
SECOFFWARE: PALENTIN NUMBER: PCT/US98/01613
SECOFFWARE: PALENTIN NUMBER: PCT/US98/01613
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KOBAYASHI, Tohru
TCO, Susumu
TSUMADORI, Masaki
VENTION: Detergent Composition
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US-09-402-668-1
                                                                                                                                                              Sequence 1, Application US/09402668
Patent No. 6172030
GENERAL INFORMATION:
APPLICANT: WADA, Yasunao
                                                                                                                                                                                                                                                  WADA, Yasunao
KASAI, Miyuki
SHIKATA, Shitsuw
SUZUMATSU, Atsushi
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Matches 263; Conservative
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                                                                                                          RESULT 5
US-09-402-668-1
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                                                                                                                                                                                                                                                                                                                                               Patent No. 6624131
GENERAL INFORMATION:
APPLICANT: Wei, Zhong-Min
APPLICANT: Wei, Zhong-Min
APPLICANT: Schading, Richard L.
TITLE OF INVENTION: HYPERSENSITIVE RESPONSE ELICITOR-INDUCED STRESS
TITLE OF INVENTION: RESISTANCE
FILE REFERENCE: 21829/41 (EBC-003)
CURRENT APPLICANTON NUMBER: US/09/431,614
CURRENT FILING DATE: 1999-11-02
BARLIER APPLICATION NUMBER: 60107,243
EARLIER FILING DATE: 1999-11-05
NUMBER OF SEQ ID NOS: 18
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11.5%; Score 155.2; DB 4; Length
Best Local Similarity 57.1%; Pred. No. 3.2e-39;
Matches 330; Conservative 0; Mismatches 233; Indels
                                                                                                                                                                                     1619 GCCAACATCGCCATGACCGACGTCAAACACGCCTACGA 1656
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                                                                                                                                 1270 AGTGATATCTCACTGGGTGATGTTGAAAACCACTACAA
                                                                                                                                                                                                                                                                                                                             ; Sequence 13, Application US/09431614
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Pseudomonas syringae
                                                                                                                                                                                                                                                                         RESULT 4
US-09-431-614-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQ ID NO 13
LENGTH: 1729
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                       1210
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759 GGTGCTGCATGACACCATTACCGTGAAAGCGGGTCAGGTGTTTGATGGCAAAGGACAAAC 818
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      210 CAAAGTGGAGGATGGTGCAACGCTCAAAAATGTCGTGCTTGGCGCTCCTGCTGCTGATGG 269
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            819 CTTCACCGCCGGTTCAGAATTAGGCGATGGCGGCCAGTCTGAAAACCAGAAACCGCTGTT
                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 666;
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                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 5.5%; Score 74.2; DB 3; Length 6 Best Local Similarity 55.7%; Pred. No. 3e-13; Matches 142; Conservative 0; Mismatches 113; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURKENT FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 9-091142 JAPAN
PRIOR PILING DATE: 1997-04-09
PRIOR FILING DATE: 1997-04-09
PRIOR FILING DATE: 1997-09-08
PRIOR FILING DATE: 1997-09-08
PRIOR FILING DATE: 1998-04-09
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PATENTIN VEY: 2.1
SEQ ID NO 9
LENGTH: 185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: WADA, Yasunao
APPLICANT: KASAI, Miyuki
APPLICANT: SHIKATA, Shitsuw
APPLICANT: SUZUMATSU, Atsushi
APPLICANT: KOIKE, Kenzo
APPLICANT: HATADA, Yuji
APPLICANT: HATADA, Yuji
APPLICANT: ITO, Susumu
APPLICANT: ITO, Susumu
APPLICANT: TIO, Susumu
APPLICANT: TSUMADORI, Masaki
TITE OF INVENTION: Detergent Composition
FILE REFERENCE: 2173-0116F.
                                              PRIOR APPLICATION NUMBER: 09/198,956
PRIOR FILING DATE: 1998-11-24
PRIOR PILING DATE: 1997-11-24
PRIOR FILING DATE: 1997-11-24
PRIOR FILING DATE: 1997-12-02
NUMBER OF SEQ ID NOS: 26
SEQ ID NO 3:0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 9, Application US/09402668 Patent No. 6172030
                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Bacillus licheniformis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  999 CGCGATTACCGTTAA 1013
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        CURRENT APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                           US-09-670-141-3
                                                                                                                                                                                                                                                                                                                       TYPE: DNA
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409 ACCACCTACAAAGTGGTGATGAACGTGGAAAACTGCAACATTTCCAGAGTGAAGGATGCG 468
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           759 GGTGCTGCATGACACCATTACCGTGAAAGCGGGTCAGGTGTTTGATGGCAAAGGACAAAC 818
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                                                                                                                                                                                                                                                                                                                                     APPLICANT: Anderson. Lene N.
APPLICANT: Anderson. Martin
APPLICANT: Schulein, Martin
APPLICANT: Lange, Niels Erik K.
APPLICANT: Lange, Niels Erik K.
APPLICANT: Lange, Niels Erik K.
TITLE OF INVENTION: Pectin Degrading Enzymes From Bacillus
TITLE OF INVENTION: Licheniformis
FILE REFERENCE: 5377.200-US
CURRENT APPLICATION NUMBER: US/09/198,956
CURRENT FILLING DATE: 1998-11-24
EARLIER FILLING DATE: 1999-11-24
EARLIER FILLING DATE: 1999-12-02
NUMBER OF SEQ ID NOS: 26
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 3; Length 666;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   h Similarity 55.7%; Score 74.2; DB 3; Length 6
Similarity 55.7%; Pred. No. 3e-13;
42; Conservative 0; Mismatches 113; Indels
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APPLICANT: Andersen, Lene N.
APPLICANT: Schulehn, Martin
APPLICANT: Schulehn, Martin
APPLICANT: Lange, Niels Erik K.
APPLICANT: Bjornvad, Mads E.
APPLICANT: Schnorr, Kirk
TITLE OF INVENTION: Pectin Degrading Enzymes From Bacillus
FILE REFERENCE: 5377.200-US
                                                                                  1231 TTCGTTAAAAGCGATAGC 1248
                                                                                                                                                                                                                                                                 ; Sequence 3, Application US/09198956; Patent No. 6165769; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 3, Application US/09670141 Patent No. 6429000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; TYPE: DNA
; ORGANISM: Bacillus licheniformis
US-09-198-956-3
                                                                                                                                469 Arccreadadecedecade 486
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US-09-198-956-3
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Best Local S:
Matches 142,
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486 CGGTACTTCTTCATCTGGCGGTTCCCCTTTTAACGATCTATCAGGGGGAAGGCCCCTTC 545
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                                                                                                                                                                                                                                              606 AACGICCCCIACCICACCGCIIGAIIICCCIICIICICCCACC 648
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SR: 30472/114 IMMU
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: 1800 Diagonal Road, Suite 500 CITY: Alexandria
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
APPLICATION NUMBER: EP 91 114 300.6
FILING DATE: 26-AUG-1991
ATTORNEY AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/935,313
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                            Sequence 14, Application US/08232463
Patent No. 5670367
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189;
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TELECOMONDIATE (703)836-9300
TELEPHANE: (703)836-9300
TELEFAX: (703)693-4109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEX: 899149
INFONMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 7218 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
ZIP: 22313-0299
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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Best Local Similarity
Matches 21; Conserv
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                                                                                                                                                                                                                                                                                                                       RESULT 10
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                                                                                                                      757 ACGGTGCTGCATGACACCATTACCGTGAAAGCGGGTCAGGTGTTTGATGGCAAAGGACAA 816
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                                                                                                                                                                                                                                        67 ACCTATGTGGCTAATCCGAATACATTGGGGGACGGATCGCAGGCGGAGAATCAGAAGCCG 126
                                                                                                                                                                                                817 ACCTTCACCGCCGGTTCAGA---ATTAGGCGATGGCGGCCAGTCTGAAAACCAGAAACCG 873
                                                                                                                                                   7 ACTGTCGTGCACGAAACGATTCGTGTGCCTGCCGGTCAGACGTTTTGACGGAAAAGGGCAG 66
                                                                                Gaps
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                                       4.4%; Score 58.6; DB 3; Length 185;
63.3%; Pred. No. 1.4e-08;
live 0; Mismatches 59; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 3.4%; Score 45.8; DB 1; Length 72
Best Local Similarity 4.9%; Pred. No. 0.0024;
Matches 11; Conservative 135; Mismatches 77; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/232,463
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: DORNER, F.
APPLICANT: SCHEIFLINGER, F.
APPLICANT: SCHEIFLINGER, F.
TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
NUMBER OF SEQUENCES: 52
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/935,313
FILING DATE:
APPLICATION NUMBER: EP 91 114 300.6
FILING DATE: 26-AUG-1991
ATTORNEY/ADENT INFORMATION:
NAME: BENT, Stephen A.
REGISTATION NUMBER: 29,768
REPERENCE/DOCKET NUMBER: 30472/114 INMU
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Foley & Lardner
STREET: 1800 Diagonal Road, Suite 500
CITY: Alexandria
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 14, Application US/08232463; Patent No. 5670367; GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 7218 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Floppy disk
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                                                                              Conservative
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EDNESS: single
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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                                     Query Match
Best Local Similarity
Matches 107; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                               RESULT 9
US-08-232-463-14
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JS-09-402-668-9
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58 GGGGGGGACAACGGGCTTGGTGGTCATAATGCAAATTCTGCGTTGGGGCAACAACCCATC 117
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/232,463
GENERAL INFORMATION:
APPLICANT: DORNER, F.
APPLICANT: SCHEIFLINGER, F.
APPLICANT: FALKNER, F. G.
TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
NUMBER OF SEQUENCES: 5.2
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLCY & Lardner
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623 CYWCNWYCYMYCKCKCAGMYNMCTCCWACTCTMYNTTTCTCTCNKCCCMKACCKNTTCT 682
                                                                                                                                                                                                                                                                    683 CWCSCCCCCCCACAKAYMCYAWCWTWTCCMCTCKACSCCCYYCNNYCCMNMCWCMTCWCTW 742
                                                                                                                             563 TYTNNCCAMCMCSCTCTMTCMACTCKCCGGYCKCNCMYCTCTCKCCAYNMAACCKKTY 622
                                                                                                                                                                    508 TCCCCTTTTAACGATCTATCAGGGGGAAGGCCCCTTCCGGCAACTCCCCTTCCGGCAAC 567
                                                                                                                                                                                                                                               568 TACTCTCCCGTCAGTACCTTCTCACCCCCATCCACGCCAACGTCCCCTACCTCACCGCTT 627
                                                                                                                                                                                                                                                                                                                       448 TTTGGCCAACCTGGTACGGGCAACAACAGTGCCTCTTCCGGTACTTCTTCATCTGGCGGT
                                                        Gaps
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                 3.2%; Score 42.8; DB 3; Length 1166; 28.6%; Pred. No. 0.0065; Live 55; Mismatches 115; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     3.2%; Score 42.8; DB 4; Length 1166; 28.6%; Pred. No. 0.0065; Live 55; Mismatches 115; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    METHODS FOR IMMUNOTHERAPY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/072,967
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: SEED and BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: Maki, David J.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 210121.411C9
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Campos-Neto, Antonio
APPLICANT: Houghton, Raymond
APPLICANT: Vedvick, Thomas S.
APPLICANT: Twardzik, Daniel R.
APPLICANT: Lodes, Michael J.
APPLICANT: Lodes, Michael J.
TITLE OF INVENTION: COMPOUNDS AND NETHO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  UMBER: US/09/072,967
05-MAY-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 328, Application US/09072967
Patent No. 6592877
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Skeiky, Yasir A.W.
Dillon, Davin C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 326
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Genomic DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Reed, Steven G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1166 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 28.55
Than 68; Conservative
                                                        Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     nucleic acid
Query Match
Best Local Similarity
Lange 68; Conserva
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ZIP: 98104-7092
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Seattle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE:
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                                                                                                                 GATCGGCAAACCATTGAGCAAATGGCTCAATTATTGGCGGAACTGTTAAAGTCACTGCTA 177
                                                                                        TCGCCACAATCAGGTAATGCGGCAACCGGAGCCGGTGGCAATGACCAGACTACAGGAGTT 237
                                                                                                                                                                  238 GGTAACGCTGGGCGCCTGAACGGACGAAAAGGCACAGCAGGAACCACTCCGCAGTCTGAC 297
                                                                                                                                                                                                                                             298 AGTCAGAACATGCTGAGTGAGATGGGCAACAACGGGCTGGATCAGGCCATCACGCCCGAT 357
                                                                                                                                                                                                                                                                                                                     358 GGCCAGGGCGGCGGCAGATCGGCGATAATCCTTTACTGAAAGCCATGCTGAAGCTTATT 417
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Hendrickson, Ronald C.
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR DIAGNOSIS OF
NUMBER OF SEQUENCES: 350
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/072,596
FILING DATE: 05-MAY-1998
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEED and BERRY LLP
6300 Columbia Center, 701 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: 210121.417C9
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 323, Application US/09072596
Patent No. 6458366
GENERAL INFORMATION:
APPLICANT: Reed, Steven G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Skeiky, Yasir A.W.
Dillon, Davin C.
Campos-Neto, Antonia
Houghton, Raymond
Vedvick, Thomas S.
Twardzik, Daniel R.
Lodes, Michael J.
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NAME: Maki, David J.
REGISTRATION NUMBER: 31,392
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 323:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Genomic DNA
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ADDRESSEE: SEED and E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Seattle
                                                                                                                                                                                                                                                                                                                                                                                                                                   1025 TC 1024
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APPLICANT:
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APPLICANT:
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PRIOR APPLICATION NUMBER: 60/241,755
PRIOR PILING DATE: 2000-10-20
PRIOR PILING DATE: 2000-10-03
PRIOR PILING DATE: 2000-10-03
PRIOR PILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR PILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastsEQ for Windows Version 4.0
SEQ ID NO 15372
LENGTH: 304533
APPLICATION NUMBER: US/09/949,016
                                                                                                                                                                                                                                                                                                                             ; LOCATION: (1) __.(304533)
; OTHER INFORMATION: n = A,T,C or G
US-09-949-016-15372
                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 2.9%
Best Local Similarity 52.1%
Matches 88; Conservative
                                                                                                                                                                                                                                                                                                                NAME/KEY: misc_feature
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US-09-949-016-127761
                                                                                                                                                                                                                                                                     ORGANISM: Human
FEATURE:
                                                                                                                                                                                                                                                    TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 15371, Application US/09949016

Patent No. 6812339

GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
CURRENT APPLICATION NUMBER: US/09/949,016
PRIOR PELING DATE: 2000-04-14
PRIOR PILING DATE: 2000-10-20
PRIOR PILING DATE: 2000-10-03
PRIOR PILING DATE: 2000-10-03
PRIOR PILING DATE: 2000-10-03
PRIOR PILING DATE: 2000-09-08
NUMBER OF SEC ID NOS: 207012
SEC ID NO 15371
LENGTH: 304533
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Sequence 15372, Application US/09949016

Sequence 15373,

Patent No. 6812339

GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

FILE REFERENCE: CL001307
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           623 CYMCNWYCYMYCKCKCAGWYRNMCTCCWACTCTWYTTTCTCTCNKCCCMKACCKNTTCT 682
                                                          563 TYTNNCCAMCMCSCTCTMTCMAACTCKCCCGGYCKCNCMYCTCTCKCCAYNMAACCKKTY 622
                                                                                                                                                                                                               TTTGGCCAACCTGGTACGGGCAACAACAGTGCCTCTTCCGGTACTTCTTCATCTGGCGGT 507
                                                                                                     508 TCCCCTTTTAACGATCTATCAGGGGGGAAGGCCCCTTCCGGCAACTCCCCTTCCGGCAAC 567
                                                                                                                                                                                     568 TACTCTCCCGTCAGTACCTTCTCACCCCCATCCACGCCAACGTCCCCTACCTCACCGCTT 627
                                                                                                                                                                                                                                                                     628 GATTICCCTICTICICCCACCAAAGCAGCCGGGGGGCAGCACGCCGGTAACCGATCAIC 685
                                                                                                                                                                                                                                                                                                 477 TGCCTCTTCCGGTACTTCTTCATCTGGCGGTTCCCCTTTTAACGATCTATCAGGGGGGAA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    537 GGCCCCTTCCGGCAACTCCCCCTTCCGGCAACTACTCTCCCGTCAGTACCTTCTCACCCCC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 39.4; DB 4; Length 304533; Pred. No. 3.8; 0; Mismatches 81; Indels 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LOCATION: (1)...(304533)
OTHER INFORMATION: n = A,T,C or G
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Matches 88; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: misc_feature
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Geguence 127761, Application US/09949016

Facet No. 681239

GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;

FILE REFERENCE: CLOOL307

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT PILING DATE: 2000-04-14

FRIOR PILING DATE: 2000-10-20

PRIOR PILING DATE: 2000-10-20

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: FastSEQ for Windows Version 4.0

LENGTH: 601

LENGTH: 601
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                                                                                                                                                                                                               537 GGCCCCTTCCGGCAACTCCCCTTCCGGCAACTACTCTCCCGTCAGTACCTTCTCACCCCC
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SUMMARIES	US-09-835-684-6 US-09-880-371-6 US-09-880-371-6 US-10-010-390-6 7 US-10-441-736-5 0 US-10-847-142-6 US-09-835-684-10
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Sequence 5, Application US/09879248
Patent No. US20020062500A1
PAPELICANT: Fan, Hao
APPLICANT: Fan, Hao
APPLICANT: Wei, Zhong-Min
TITLE OF INVENTION: HYPERSENSITIVE RESPONSE ITITLE OF INVENTION: THEREOF

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FILE REFERENCE: 21829/81

CURRENT APPLICATION NUMBER: US/09/879,248

CURRENT FILING DATE: 2001-06-12

PRIOR PILING DATE: 2000-06-16

NUMBER OF SEQ ID NOS: 18

SOFTWARE: PatentIn Ver. 2.1

SOFTWARE: PatentIn Ver. 2.1

LENGTH: 1344
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| Sequence 6, Application US/10010390
| Publication No. US20030104979A1
| GENERAL INFORMATION:
| APPLICANT: Leon, Ernesto
| APPLICANT: Leon, Ernesto
| TITLE OF INVENTION: METHODS OF INHIBITING DESICCATION OF CUTTINGS REMOVED
| TITLE OF INVENTION: METHODS OF INHIBITING DESICCATION OF CUTTINGS REMOVED
| TITLE OF INVENTION: METHODS OF INHIBITING DESICCATION OF CUTTINGS REMOVED
| FILE REFERENCE: 1882/111
| CURRENT FILING DATE: 2001-11-05
| PRIOR APPLICATION NUMBER: 60/248,169
| PRIOR FILING DATE: 2000-11-13
| NUMBER OF SEQ ID NOS: 14
| SOFTWARE: PatentIn Ver. 2.1
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ORGANISM: Erwinia amylovora
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Publication No. US20040265442A1

GENERAL INFORMATION:

APPLICANT: Wel, Zhong-Min

APPLICANT: Qiu, Dewen

TITLE OF INVENTION: RESPONSE ELICITOR TO CONTROL POSTHARVEST DISEASE OR

TITLE OF INVENTION: RESPONSE ELICITOR TO CONTROL POSTHARVEST DISEASE OR

TITLE OF INVENTION: RESPONSE ELICITOR TO CONTROL POSTHARVEST DISEASE OR

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APPLICANT: Schading, Richard L.
TITLE OF INVENTION: HYPERSENSITIVE RESPONSE ELICITOR-INDUCED STRESS
TITLE OF INVENTION: RESISTANCE
FILE REFERENCE: 21829/203 (EBC-003)
CURRENT APPLICATION NUMBER: US/10/441,736
CURRENT FILING DATE: 1998-11-05-20
PRIOR APPLICATION NUMBER: 09/431,614
PRIOR FILING DATE: 1998-11-02
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PATCHIN UN: 2.1
SEQ ID NO 5
TENNIN 1144
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                                                                                                                                       ; Sequence 5, Application US/10441736; Publication No. US20040016029A1; GENERAL INFORMATION:
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US-10-441-736-5
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Patent No. US20020019337A1

APPLICANT: Nea, Zhong-Min

APPLICANT: Remick, Dewen

APPLICANT: Remick, Dewen

TITLE OF INVENTION: TREATMENT OF FRUITS OR VEGETABLES WITH HYPERSENSITIVE

TITLE OF INVENTION: TREATMENT TO CONTROL POSTHARVEST DISEASE OR

FILE REPERENCE: 21829/71

CURRENT APPLICATION NUMBER: US/09/835,684

CURRENT APPLICATION NUMBER: 60/198,359

FRIOR APPLICATION NUMBER: 60/198,359
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ORGANISM: Pseudomonas syringae
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100.0%; Score 1344;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1344; Conservative 0; Mismatches
PRIOR APPLICATION NUMBER: CO. PRIOR FILING DATE: 2000-04-19
PRIOR PRICATION NUMBER: 09/835,684
PRIOR FILING DATE: 2001-04-16
NUMBER OF SEQ ID NOS: 12
SOGTWARE: PATENTIN Ver. 2.1
SEQ ID NO
LENGTH: 1344
                                                                                                                                                                                                                                                       ; ORGANISM: Erwinia amylovora
US-10-847-142-6
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                           CTGCACGTCACCAACGTGGGTGAGGACGCGATTACCGTTAAGCCCAAACAGCGCGGGCAAA 1032
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TITLE OF INVENTION: HYPERSENSITIVE RESPONSE ELICITING DOMAINS AND USE
TITLE OF INVENTION: HYPERSENSITIVE RESPONSE ELICITING DOMAINS AND USE
FILE REPERENCE: 21829/81
CURRENT APPLICATION NUMBER: US/09/879,248
CURRENT APPLICATION NUMBER: 05/01-06-12
PRIOR APPLICATION NUMBER: 60/212,211
PRIOR PILING DATE: 2000-06-16
SOFTWARE: Patentin Ver: 2.1
SEQ ID NO 13
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                                                                                                               AACGAGGTCGATGGCATCCACGTGAAAGCCAAAAACGCTCAGGAAGTCACATTGACAAC 1318
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Patent No. US2002059658A1

GENERAL INFORMATION:
APPLICANT: Wei; Zhong-Min
APPLICANT: Wei; Zhong-Min
APPLICANT: Wei; Zhong-Min
APPLICANT: DeRocher, Jay
1TITLE OF INVENTION: METHODS OF IMPROVING THE EFFECTIVENESS OF TRANSGENIC
1TILE OF INVENTION: PLANTS
CURRENT APPLICATION NUMBER: US/09/880,371
CURRENT PILING DATE: 2001-06-13
PRIOR FILLING DATE: 2000-06-15
PRIOR FILLING DATE: 2000-06-15
                                                                     GACGGGGCGGATGCTATTCATCTTTACG------GTGATGCCAAAATAGACAAT
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Pred. No. 1.7e-40;
0; Mismatches 233; Indels 15;
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ORGANISM: Pseudomonas syringae
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Best Local Similarity 57.1%;
Matches 330; Conservative (
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SOFTWARE: Patentin Ver. 2.1
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US-09-880-371-10
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| Publication No. US20040016029A1
| Publication No. US20040016029A1
| Publication No. US20040016029A1
| APPLICANT: Wei, Zhong-Min
| APPLICANT: Schading, Richard L.
| TITLE OF INVENTION: RESISTANCE
| TITLE OF INVENTION: RESISTANCE
| FILE REFERENCE: 21829/203 (EBC-003)
| CURRENT APPLICATION NUMBER: US/10/441,736
| CURRENT APPLICATION NUMBER: US/107,243
| PRIOR APPLICATION NUMBER: 09/431,614
| PRIOR PILING DATE: 1999-11-05
| PRIOR FILING DATE: 1999-11-02
| PRIOR FILING DATE: 1999-11-02
| WUMBER OF SEQ ID NOS: 18
| SOFTWARE: PatentIn Ver. 2.1
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US-10-010-390-10

Sequence 10, Application US/10010390

Publication No. US20030104979A1

GENERAL INFORMATION:

APPLICANT: Wei, Zhong-Min

APPLICANT: Leon, Ernesto

APPLICANT: Oviedo, Agustin

TITLE OF INVENTION: METHODS OF INHIBITING DESICCATION OF CUTTINGS REMOVED

TITLE OF INVENTION: FROM ORNAMBNTAL PLANTS

FILE REFERENCE: 21829/11

CURRENT FILING DATE: 2001-11-05

PRIOR APPLICATION NUMBER: 60/248,169

PRIOR APPLICATION NUMBER: 60/248,169

PRIOR FILING DATE: 2000-11-13

NUMBER OF SEQ ID NOS: 14

SOFTWARE PATENTION OF CURRENT OF CONTINUED OF CURRENT OF
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57.1%; Pred. No. 1.7e-40;
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; ORGANISM: Pseudomonas syringae
US-10-010-390-10
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Matches 330; Conservative
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Sequence 1, Application US/09825414
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; GENERAL INFORMATION:
    APPLICANT: Collmer, Alan
    APPLICANT: Alfano, James R.
    APPLICANT: Alfano, James R.
    TITLE OF INVENTION: HRP PATHOGENICITY ISLAND AND THEIR USES
    TITLE OF INVENTION: HRP PATHOGENICITY ISLAND AND THEIR USES
    TILL OF INVENTION: HRP PATHOGENICITY ISLAND AND THEIR USES
    TILL OF INVENTION: HRP PATHOGENICITY ISLAND AND THEIR USES
    TILL OF INVENTION: HVP PATHOGENICITY ISLAND AND THEIR USES
    TILL OF INVENTION: HVP PATHOGENICITY ISLAND AND THEIR USES
    TILL OF DATE: 2000-04-03
    PRIOR FILING DATE: 2000-04-03
    PRIOR FILING DATE: 2000-08-11
    PRIOR FILING DATE: 2000-08-11
    PRIOR PELING DATE: 2000-08-11
    PRIOR PELING DATE: 2000-11-17
    NUMBER OF SEQ ID NOS: 91
    SOFTWARE: Patentin Ver. 2.1
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       GCAGAAGACGGTAAGTTCTCGTTCGTTAAAAGCGATAGCGAGGGGCTAAACGTCAATACC 1269
                                                                          1559 GCTAACCACGGCAAGTTCGCCCTGGTGAAAGCGACAGTGACGATCTGAAGCTGGCAACG 1618
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                                                                                                                                       1559 GCTAACCACGGCAAGTTCGCCCTGGTGAAAAGCGACAGTGACGATCTGAAGCTGGCAACG 1618
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Qiu, Dewen
APPLICANT: Remick, Dean
APPLICANT: Remick, Dean
TITLE OF INVENTION: RESPONSE ELICITOR TO CONTROL POSTHARVEST DISEASE OR
TITLE OF INVENTION: RESPONSE ELICITOR TO CONTROL POSTHARVEST DISEASE OR
TITLE OF INVENTION: DESICCATION
TITLE OF INVENTION: DESICCATION
CURRENT APPLICATION NUMBER: US/10/847,142
CURRENT FILING DATE: 2004-05-17
PRIOR APPLICATION NUMBER: 60/198,359
PRIOR APPLICATION NUMBER: 60/198,359
PRIOR APPLICATION NUMBER: 09/835,684
PRIOR PILING DATE: 2000-04-19
PRIOR FILING DATE: 2001-04-16
NUMBER OF SEQ ID NOS: 12
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Pred. No. 1.7e-40;
0; Mismatches 233; Indels
                                                                                                                                                                                                                                                                           1619 GGCAACATCGCCATGACCGACGTCAAACACGCCTACGA 1656
                                                                                                                                                                                                           1270 AGTGATATCTCACTGGGTGATGTTGAAAACCACTACAA 1307
                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 10, Application US/10847142; Publication No. US20040265442A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Pseudomonas syringae
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57.1%;
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Matches 330; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Wei, Zhong-Min APPLICANT: Qiu, Dewen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQ ID NO 10
LENGTH: 1729
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                  973 CTGCACGTCACCAACGTGGGTGAGGACGCGATTACCGTTAAGCCAAACAGCGCGGGCAAA 1032
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                                                                                                                                                                                                                                                                       22126 GTCACTAATCTGAACATCAAGAACAGCAGTGCCAAAGGTGCAGACGACAAGGTTGTCCAG
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Fublication No. US20030119018A1
GENERAL INPOMMATION:
APPLICANT: ISHIKAWA, JUN
APPLICANT: ISHIKAWA, JUN
APPLICANT: SHIKAWA, JUN
APPLICANT: SHIKAWA, JUN
APPLICANT: SHIRA, TADAYOSHI
APPLICANT: SARAKIN WABER: US/10/156,761
CURRENT APPLICATION NUMBER: US 2001-204089
FRIOR APPLICATION NUMBER: JP 2001-204089
FRIOR FILING DATE: 2001-05-30
FRIOR APPLICATION NUMBER: JP 2001-272697
FRIOR APPLICATION NUMBER: JP 2001-272697
FRIOR FILING DATE: 2001-08-02
FRIOR FILING DATE: 2001-08-03
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US-10-156-761-6360
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LOCATION: (1).
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GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Collemer, Alan

APPLICANT: Collemer, Alan

APPLICANT: Charkowski, Amy O.

TITLE OF INVENTION: DNA MOLECULES AND POLYPEPTIDES OF PSEUDOMONAS SYRINGAE

TITLE OF INVENTION: DNA MOLECULES AND POLYPEPTIDES OF PSEUDOMONAS SYRINGAE

TITLE OF INVENTION: DNA MOLECULES AND POLYPEPTIDES OF PSEUDOMONAS SYRINGAE

TITLE OF INVENTION: DNA MOLECULES AND POLYPEPTIDES OF PSEUDOMONAS SYRINGAE

FILE REFERENCE: 19603/3247

CURRENT FILING DATE: 2004-07-16

PRIOR PAPLICATION NUMBER: 60/194,60

PRIOR PLING DATE: 2000-04-03

PRIOR PLING DATE: 2000-01-17

PRIOR PELING DATE: 2000-11-17

SOFTWARE: PATENTION NUMBER: 09/825,414

PRIOR FILING DATE: 2001-04-03

NUMBER OF SEQ ID NOS: 91

SOFTWARE: PATENTION VET: 2.1
21886 GGCCACGGCGCAACCTTCACTGCCGACAAATCTATGGGTAACGGAGACCAGGGGGAAAAT 21945
                                                                                                                                                                                                                         22306 GCTAACCACGCCAAGTTCGCCCTGGTGAAAAGCGACAGTGACGATCTGAAGCTGGCAACG 22365
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                                                                                                                                        GCAGAAGACGGTAAGTTCTCGTTAAAAAGCGATAGCGAGGGGCTAAAAGGTCAATACC 1269
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    925 GACGGGCGGATGGTATTCATCTTTACG------GTGATGCCAAAATAGACAAT 972
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11.5%; Score 155.2; DB 21; Length
Best Local Similarity 57.1%; Pred. No. 7.4e-40;
Matches 330; Conservative 0; Mismatches 233; Indels
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